

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 14875-154US1	Application No. 10/560,098
<b>Supplemental Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))				Applicant Taro Miyazaki et al.	
				Filing Date April 28, 2006	Group Art Unit 1645

<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AB						

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>							
Examiner Initial	Desig. ID	Document					
LNB	AC	Cekaite et al., "Protein Arrays: A Versatile Toolbox for Target Identification and Monitoring of Patient Immune Responses," Methods Mol. Biol., 360:335-348 (2007)					

Examiner Signature  <i>/Lynn Bristol/</i>	Date Considered  10/19/2007
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with

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<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LNB	AA	2004/0219643	11/04/2004	Winter et al.			
↓	AB	2006/0159673	07/20/2006	Kojima			

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
LNB	AC	CA 2 331 641	11/11/1999	Canada			
↓	AD	DE 198 19 846	11/11/1999	Germany			see AC
↓	AE	EP 0 774 511	05/21/1997	EPO			

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
LNB	AF	Andris-Widhopf et al., "Methods for the generation of chicken monoclonal antibody fragments by phage display," <i>J. Immunol. Methods</i> , 242:159-181 (2000)
	AG	De Jonge et al., "Production and Characterization of Bispecific Single-Chain Antibody Fragments," <i>Mol. Immunol.</i> , 32:1405-1412 (1995)
	AH	DeNardo et al., "Anti-HLA-DR/anti-DOTA Diabody Construction in a Modular Gene Design Platform: Bispecific Antibodies for Pretargeted Radioimmunotherapy," <i>Cancer Biother. Radiopharm.</i> , 16:525-535 (2001)
	AI	Goldstein et al., "Cytolytic and Cytostatic Properties of an Anti-Human FcγRI (CD64) × Epidermal Growth Factor Bispecific Fusion Protein," <i>J. Immunol.</i> , 158:872-879 (1997)
	AJ	Holliger et al., "Diabodies": Small bivalent and bispecific antibody fragments," <i>Proc. Natl. Acad. Sci. USA</i> , 90:6444-6448 (1993)
	AK	Hoogenboom et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains," <i>Nucleic Acids Res.</i> , 19:4133-4137 (1991)
	AL	Hudson et al., "High avidity scFv multimers; diabodies and triabodies," <i>J. Immunol. Methods</i> , 231:177-189 (1999)
	AM	Kipriyanov et al., "Effect of Domain Order on the Activity of Bacterially Produced Bispecific Single-chain Fv Antibodies," <i>J. Mol. Biol.</i> , 330:99-111 (2003)
	AN	Krebber et al., "Reliable cloning of functional antibody variable domains from hybridomas and spleen cell repertoires employing a reengineered phage display system," <i>J. Immunol. Methods</i> , 201:35-55 (1997)
	AO	Kurucz et al., "Retargeting of CTL by an Efficiently Refolded Bispecific Single-Chain Fv Dimer Produced in Bacteria," <i>J. Immunol.</i> , 154:4576-4582 (1995)
	AP	Little et al., "Of mice and men: hybridoma and recombinant antibodies," <i>Immunol. Today</i> , 21:364-370 (2000)
↓	AQ	McGuinness et al., "Phage diabody repertoires for selection of large numbers of bispecific antibody fragments," <i>Nat. Biotechnol.</i> , 14:1149-1154 (1996)

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		Filing Date <b>April 28, 2006</b>	Group Art Unit <b>1645</b>	

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
<i>LAB</i>	AR	Merchant et al., "An efficient route to human bispecific IgG," <i>Nat. Biotechnol.</i> , 16:677-681 (1998)
	AS	Plückthun et al., "New protein engineering approaches to multivalent and bispecific antibody fragments," <i>Immunotechnology</i> , 3:83-105 (1997)
	AT	Tang et al., "Selection of Linkers for a Catalytic Single-chain Antibody Using Phage Display Technology," <i>J. Biol. Chem.</i> , 271:15682-15686 (1996)
	AU	Turner et al., "Importance of the linker in expression of single-chain Fv antibody fragments: optimisation of peptide sequence using phage display technology," <i>J. Immunol. Methods</i> , 205:43-54 (1997)
<i>↓</i>	AV	Völkel et al., "Optimized linker sequences for the expression of monomeric and dimeric bispecific single-chain diabodies," <i>Protein Eng.</i> , 14:815-823 (2001)

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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant <b>Taro Miyazaki et al.</b>		
		Filing Date <b>December 9, 2005</b>	Group Art Unit	

<b>U.S. Patent Documents</b>							
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	AA						
	AB						

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
LNB	AC	WO 96/34892	11/07/1996	WIPO			Yes	No
	AD	WO 98/50431	11/12/1998	WIPO				
	AE	WO 00/44788	08/03/2000	WIPO				
	AF	WO 01/44282	06/21/2001	WIPO				
	AG	WO 01/70775	09/27/2001	WIPO				
	AH	WO 03/087163	10/23/2003	WIPO			X	
✓	AI	2001-523971	11/27/2001	JAPAN				X

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
LNB	AJ	Carter, "Bispecific human IgG by design", J. Immunol. Methods, 248:7-15 (2001)
	AK	Peipp et al., "Bispecific antibodies targeting cancer cells", Biochem. Soc. Trans., 30:507-11 (2002)
	AL	Ridgway et al., "'Knobs-into-holes' engineering of antibody CH3 domains for heavy chain heterodimerization", Protein Engineering 9:617-621 (1996)
	AM	Shalaby et al., "Development of Humanized Bispecific Antibodies Reactive with Cytotoxic Lymphocytes and Tumor Cells Overexpressing the HER2 Protooncogene", J. Exp. Med., 175:217-225 (1992)
	AN	Skerra, "Use of the tetracycline promoter for the tightly regulated production of a murine antibody fragment in <i>Escherichia coli</i> ", Gene, 151:131-5 (1994)
	AO	Zuo et al., "An efficient route to the production of an IgG-like bispecific antibody", Protein Engineering 13:361-367 (2000)
✓	AP	

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